UC1002.001A



PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Baerveldt, et al.	) Group Art Unit 3761
App. No.	:	10/052,473	)
Filed	:	January 18, 2002	)
For	:	MINIMALLY INVASIVE GLAUCOMA SURGICAL INSTRUMENT AND METHOD	) ) )
Examiner	:	Unknown	) ) )

## INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office P.O. Box 2327 Arlington, VA 22202

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

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By:

Registration No. 25,221

Attorney of Record

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. UCI002.001A

APPLICATION NO. 10/052,473

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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APPLICANT Baerveldt, et al.

FILING DATE January 18, 2002 GROUP 3761

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<del></del>	1	5178604 01	1/12/93	Baerveldt, et al.			
	2	3844272 10	0/29/74	Banko			
	3	3996935 12	2/14/76	Banko			
	4	5472440 12	2/5/95	Beckman			
	5	6251103 06	6/26/01	Berlin			
	6	4282884 08	8/11/81	Boebel			
	7	6142990 11	1/07/00	Burk ·			
	8	5722970 03	3/03/98	Colvard, et al.			
	9	5738677 04	4/14/98	Colvard, et al.			
	10	5733256 03	3/31/98	Costin			
	11	5865831 02	2/02/99	Cozean, et al.			
	12	6007555 12	2/28/99	Devine			,
	13	4694828 09	9/22/87	Eichenbaum		*******	
	14	6135999 10	0/24/00	Fanton, et al.			
	15	5755716 05	5/26/98	Garito, et al.			
	16	6004318 12	2/21/99	Garito, et al.			
	17	5825958 10	0/20/98	Gollihar, et al.			
	18	5788679 08	8/04/98	Gravlee, Jr.			
	19	4320761 03	3/23/82	Haddad			
.•	20	5738676 04	4/14/98	Hammer, et al.			
	21	590661 09	9/28/1897	Harthan			
	22	3893445 07	7/08/75	Hofsess			
	23	5980546 11	1/09/99	Hood			
	24	6059772 05	5/09/00	Hsia, et al.		•	
·	25	3929123 12	2/30/75	Jamshidi			-
	26		6/08/71	Jascalevich			
<del> </del>	27		8/04/92	Jen, et al.			

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	U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
	28	4538611	09/03/85	Kelman				
	29	5407443	04/18/95	Kobayashi, et al.				
	30	5549596	08/27/96	Latina				
	31	4900300	02/13/90	Lee				
	32	2850007	09/02/58	Lingley				
	33	6220247	04/24/01	Maldonado Bas				
	34	4577629	03/25/86	Martinez				
	35	3007471	04/27/59	McClure, Jr.				
	36	5957921	09/28/99	Mirhashemi, et al.				
	37	6142996	11/07/00	Mirhashemi, et al.				
	38	6096031	08/01/00	Mitchell, et al.				
	39	4955883	09/11/90	Nevyas, et al.				
	40	5549598	08/27/96	O'Donnell, Jr.				
	41	6086583	07/11/00	Ouchi				
	42	4805616	02/11/89	Pao				
	43	6126629	10/03/00	Perkins				
	44	6140740	10/31/00	Porat, et al.				
	45	5893862	04/13/99	Pratt, et al.				
	46	4590935	05/27/86	Ranalli				
	47	5972416	10/26/99	Reimels, et al.				
	48	5833643	11/10/98	Ross, et al.				
	49	5830209	11/03/98	Savage, et al.				
	50	5074861	12/24/91	Schneider, et al.				
	51	4011869	03/15/77	Seiler, Jr.	·-			
	52	6319274	11/20/01	Shadduck				
,	53	4501274	02/26/85	Skjaerpe				
	54	4481948	11/13/84	Sole				
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	U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
	55	5437678	08/01/95	Sorensen				
	56	5871492	02/16/99	Sorensen				
	57	6117149	09/12/00	Sorensen				
	58	5360399	11/01/94	Stegmann				
	59	5743871	04/28/98	Strukel				
	60	6325792	12/04/01	Swinger, et al.				
	61	4689040	08/25/87	Thompson				
	62	5431646	07/11/95	Vassiliadis, et al.				
	63	5893849	04/13/99	Weaver				
•	64	4041947	08/16/77	Weiss, et al.				
	65	4570632	02/18/86	Woods				
	66	4308875	01/05/82	Young				

FOREIGN PATENT DOCUMENTS								
EXAMINER		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
INITIAL							YES	NO
	67	WO 00/64389	11/02/00	PCT				
	68	WO 00/64390	11/02/00	PCT				
	69	WO 00/67687	11/16/00	PCT				
<del></del>	70	WO 98/30157	07/16/98	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
	71	H.S. International Co., Inc., Ophthalmic Micro-surgical Instruments. Catalog. Unknown publication date, but predates invention.					
	72	Erbium: YAG laser effective for vitreoretinal surgery. Ophthalmology Times, pg. 68, June 15, 2000,					
	73	New Procedure helps correct farsightedness. Newspaper Article from The Orange County Register, October 4, 2000.					
	74	Millennium TSV25 System, Transconjunctival Standard Vitrectomy. Brochure from Bausch & Lomb, Copyright 2001.					
	75	Surgitron, EMC, Catalog, Unknown publication date, but predates invention.					
	76	The Foundation of The American Academy of Ophthalmology. Basic and Clinical Science Course. Pages 85 through 91.					

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DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.





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EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	77	The C.V. Mosby Co. St. Louis, Mo.; Retina Vol. 3. Chapter 124, pages 192-195, 1989.
	78	STORZ Ophthalmics, Catalog, pages 144, 265. Unknown publication date, but predates invention.
	79	Ophthalmology Times. Unknown publication date, but predates invention date.
	80	Cautery pens reduce scleral shrinkage. Ophthalmology Times, page 51, August 15, 2000.
	81	RHEIN Medical Inc. Advertisement. Unknown publication date, but publication predates invention.
	82	RHEIN Medical Inc. Advertisement. Unknown publication date, but publication predates invention.
	83	RHEIN Medical Inc. Advertisement. Unknown publication date, but publication predates invention.
	84	AIDA Excimer Laser for Excimer Laser Trabeculotomy. Catalog. Unknown publication date, but predates invention.
	85	Katena Eye Instruments. Catalog, page 142. Unknown publication date, but predates invention.
	86	Microsurgery Advanced Design Lab. www.madlab.jhu.edu/manhan.htm, Initiatives, 1 page.
	87	Endo-optiks; www.endo-optiks.com; Using the Technology, Endoscopic Direct-View Goniotomy, 1 page.
	88	Gayton, Johnny L, M.D., A 'Smart' Bomb for Glaucoma Treatment?; www.endo-optiks.com/a smrtbm.htm; 4 pages.
	89	Dynamic Surgery; Cautery Probes, www.dynamicsurgery.com; ClearSight Cautery Probes, 4 pages.
	90	McHugh, Josh; Forbes Magazine, No. 7, "The Electromagnetic Scalpel", October 5, 1998.
	91	Dietlein T.S., et al., Erbium: YAG Laser Trabecular Ablation (LTA) in the Surgical Treatment of Glaucoma. Lasers Surg Med 23(2) 104-10, 1998
	92	Maldonado-Bas A., M.D., and Maldonado-Junyent, A., M.D., Filtering Glaucoma Surgery Using an Excimer Laser, J Cataract Refract Surg. 27(9) 1402-9, 2001
	93	Jacobi, P.C., et al., Microendoscopic Trabecular Surgery in Glaucoma Management. Ophthalmology 106(3) 538-44, 1999
	94	Jacobi, P.C., et al., Experimental Microendoscipic Photoablative Laser Goniotomy as a Surgical Model for the Treatment of Dysgenetic Glaucoma; Graefes Arch Clin Exp. Ophthalmol 234(1):670-676, 2000
	95	Mendicino, M.E., et al., Long-term Surgical and Visual Outcomes in Primary Congenital Glaucoma: 360 Degrees Trabeculotomy Versus Goniotomy.  J. AAPOS 4(4): 205-210, 2000
	96	Bayraktar, S., et al., Endoscopic Goniotomy with Anterior Chamber Maintainer: Surgical Technique and One-Year Results. Ophthalmic Surg Lasers Nov-Dec; 32(6):496-502, 2001
•	97	Sun, W., et al., Endoscopic Gonioitomy with the Free Electron Laser in Congenital Glaucoma Rabbits. J. Glaucoma 9(4):325-333, 2000
	98	Dietlein, T.S., et al., Ab interno Infrared Laser Trabecular Ablation: Preliminary Short-Term Results in Patients with Open-Angle Glaucoma. Graefes Arch Clin Exp Ophthalmol 235(6) 349-353, 1997
	99	Hofmann, A., et al., Radiowave Surgery Case Report. International Journal of Aesthetic and Restorative Surgery; Vol 4, Pages 131-133, 2000
	100	Hill, Richard A., et al., Laser Trabecular Ablation (LTA); Lasers in Surgery and Medicine. 11:341-346, 1991
	101	Hill, Richard A., et al., Effects of Pulse Width on Erbium: YAG Laser Photothermal Trabecular Ablation (LTA). Lasers in Surgery and Medicine 13:440-446, 1993
	102	Skjaerpe, F., Selective Trabeculectomy A Report of a New Surgical Method for Open Angle Glaucoma. ACTA Ophthalmologica 61:714-727, 1983
	103	Pictures of vitreotector. Unknown source and date, but predates invention.

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